

Download How To Write A Conditional Statement In Geometry

Definition: A conditional statement, symbolized by $p \rightarrow q$, is an if-then statement in which p is a hypothesis and q is a conclusion. The logical connector in a conditional statement is denoted by the symbol \rightarrow . The conditional is defined to be true unless a true hypothesis leads to a false conclusion. A truth table for $p \rightarrow q$ is shown below. A conditional statement in math is a statement in the if-then form. Conditional statements, often called conditionals for short, are used extensively in a form of logic called deductive reasoning. Students usually study conditionals and their variations in a high school geometry course. A conditional statement is made up of two parts. The first part is the hypothesis, which comes after the 'if' and before the comma. The second part is the conclusion, which is after the 'then' and before the period. A conditional statement will look like 'if HYPOTHESIS, then CONCLUSION.'. What Is a Conditional Statement in Geometry? A conditional statement is an "if-then" statement used in geometry to relate a particular hypothesis to its conclusion. An arrow originating at the hypothesis, denoted by p , and pointing at the conclusion, denoted by q , represents a conditional statement., How To Write A Conditional Statement In Geometry.

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